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Amendments to Claims

1. (Cancelled).
2. (Currently Amended). A composition comprising an aqueous dispersion of an electrically conductive organic polymer and a plurality of nanoparticles ~~according to claim 1~~, wherein said electrically conductive organic polymer is selected from polyaniline with poly(2-acrylamido-2-methyl-1-propanesulfonic acid) as the counterion (PAni/PAAMPSA), polythiophene and poly(ethylenedioxythiophene) with poly(styrenesulfonic acid) as the counter ion (PEDT/PSS), and wherein the nanoparticles are selected from the group consisting of mixtures of inorganic nanoparticles and organic nanoparticles.
3. (Cancelled).
4. (Currently Amended). A composition according to claim ~~3~~ 2 wherein said inorganic nanoparticles are selected from silica, alumina, and electrically conductive metal oxides and mixtures thereof.
5. (Currently Amended). A composition according to claim ~~3~~ 2, wherein said organic nanoparticles are selected from polyacrylates, carbon nanotubes, and perfluoroethylene sulfonates and mixtures thereof.
6. (Currently Amended). A composition according to claim ~~4~~ 2, wherein said nanoparticles have a particle size less than about 500 nm.
7. (Currently Amended). A composition according to claim ~~4~~ 2 wherein said nanoparticles have a particle size less than about 250 nm.
8. (Currently Amended). A composition according to claim ~~4~~ 2, wherein said nanoparticles have a particle size less than about 50 nm.
9. (Original). A composition according to claim 4, wherein the weight ratio of silica:electrically conductive polymer is about 4:1.
10. (Original). A composition according to claim 4, wherein the weight ratio of electrically conductive oxides:electrically conductive polymer is about 1.5:1.

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11. (Currently Amended). A high resistance buffer layer comprising an electrically conductive polymer and a plurality of nanoparticles dispersed therein and wherein the nanoparticles are selected from the group consisting of mixtures of inorganic nanoparticles and organic nanoparticles.

12. (Original). A high resistance buffer layer according to claim 11, wherein said electrically conductive polymer is selected from PANi/PAAMPSA and PEDT/PSS.

13. (Cancelled).

14. (Original). A high resistance buffer layer according to claim 11, wherein said inorganic nanoparticles are selected from silica, alumina, or electrically conductive metal oxides and mixtures.

15. (Original). A high resistance buffer layer according to claim 11, wherein said organic nanoparticles are selected from polyacrylates, carbon nanotubes, and perfluoroethylene sulfonates and mixtures thereof.

16. (Original). A high resistance buffer layer according to claim 11, wherein said layer has a conductivity of less than about 1×10^{-3} S/cm.

17. (Original). A high resistance buffer layer according to claim 11, wherein said layer has a conductivity of less than about 1×10^{-5} S/cm.

18. (Cancelled).

19. (Currently Amended). A device according to claim 20, wherein said electrically conductive polymer is selected from PANi/PAAMPSA or PEDT/PSS.

20. (Currently Amended). An organic device comprising a high resistance buffer layer comprising an electrically conductive polymer and a plurality of nanoparticles dispersed therein ~~device according to claim 18,~~ wherein said nanoparticles comprise nanoparticles selected from mixtures of inorganic nanoparticles and organic nanoparticles. ~~and mixtures thereof.~~

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21. (Currently Amended). A device according to claim 20 48, wherein said inorganic nanoparticles are selected from silica, alumina, or electrically conductive metal oxides and mixtures thereof.

22. (Currently Amended). A device according to claim 20 48, wherein said organic nanoparticles are selected from polyacrylates, carbon nanotubes, and perfluoroethylene sulfonates and mixtures thereof.